

ABSTRACTNOVEL AGENTS FOR REPLACEMENT OF
NAD⁺/NADH SYSTEM IN ENZYMATIC REACTIONS

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Novel agents acting as co-factors for replacement of NAD(P)⁺/NAD(P)H co-enzyme systems in enzymatic oxido-reductive reactions. Agents mimicking the action of NAD(P)⁺/NAD(P)H system in enzymatic oxidation/reduction of substrates into reduced or oxidized products. A method for selection and preparation of the mimicking agents for replacement of NAD(P)⁺/NAD(P)H system and a device comprising co-factors for replacement of NAD(P)⁺/NAD(P)H system.

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